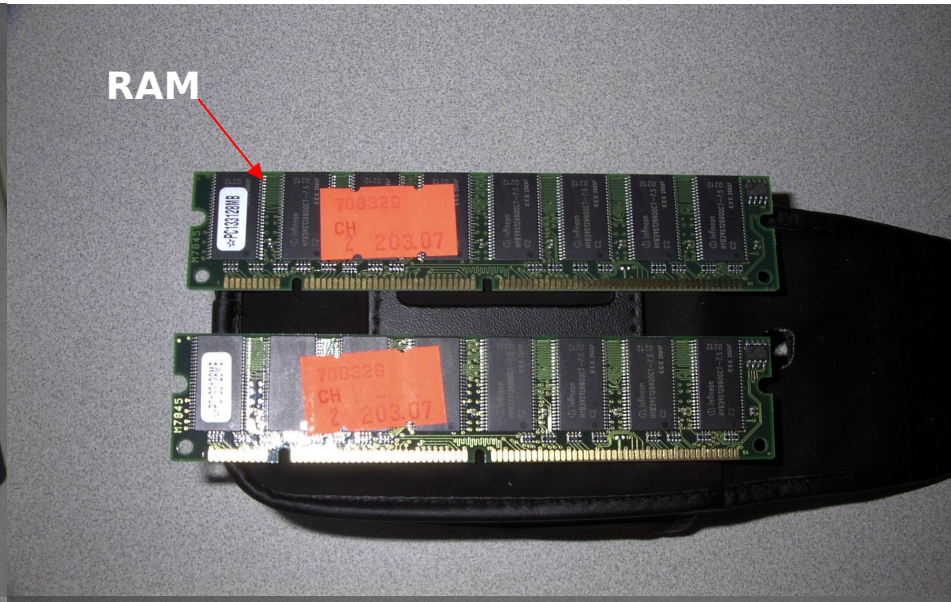
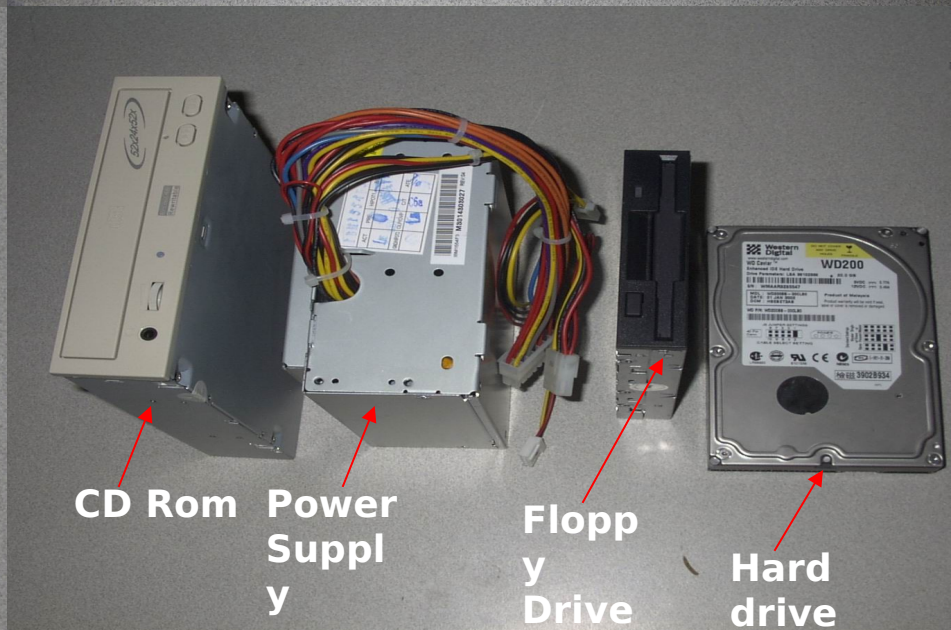
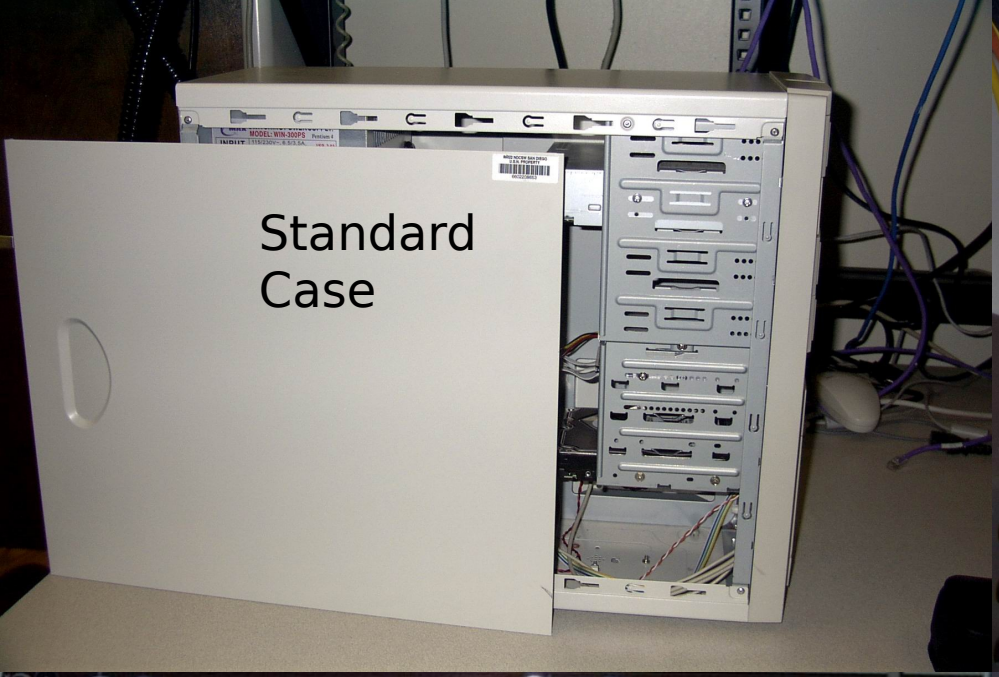
Computer Component Familiarization

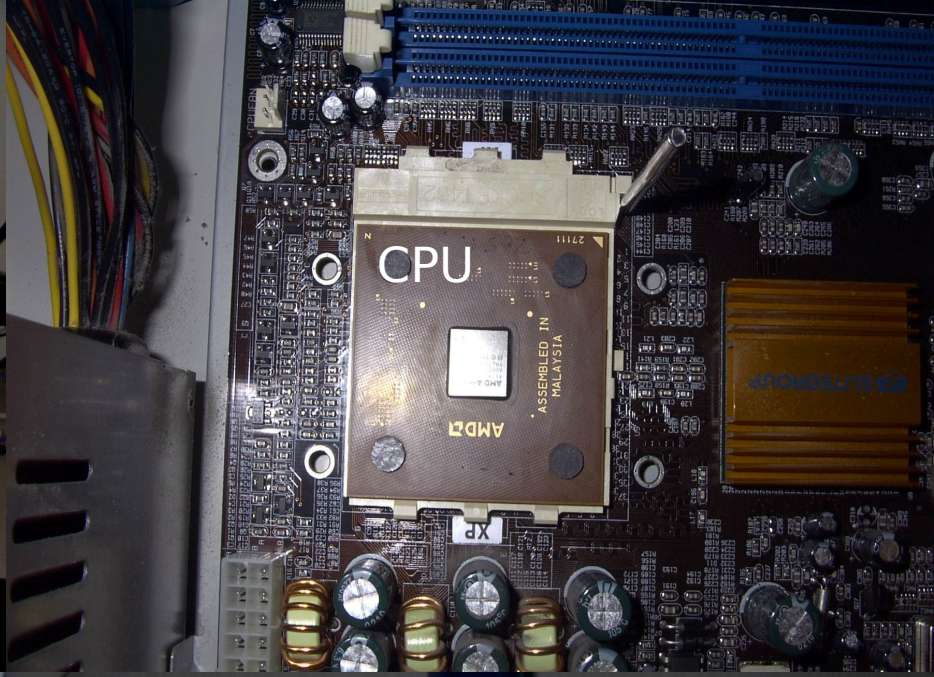
- **What goes in a computer ?**
- **What tools do you need ?**
- **What do these pieces do ?**

Tools And Hardware Neede






Standard
Case

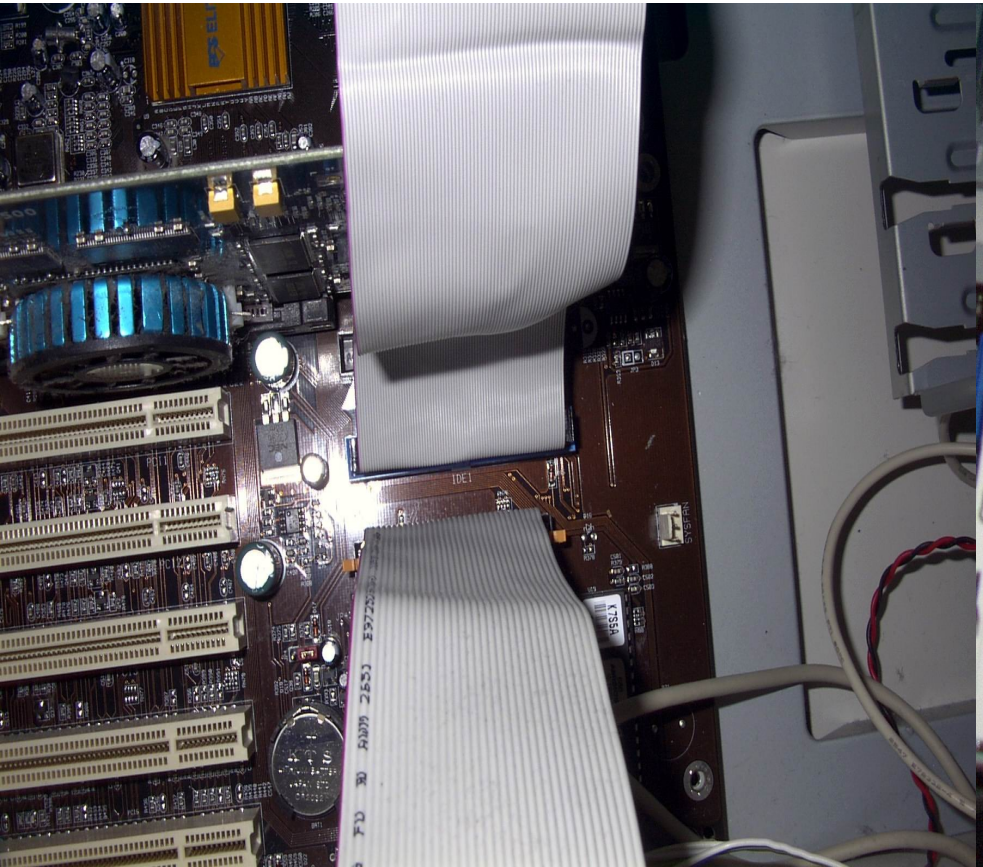

CPU
AMD
ASSEMBLED IN
MALAYSIA
XP

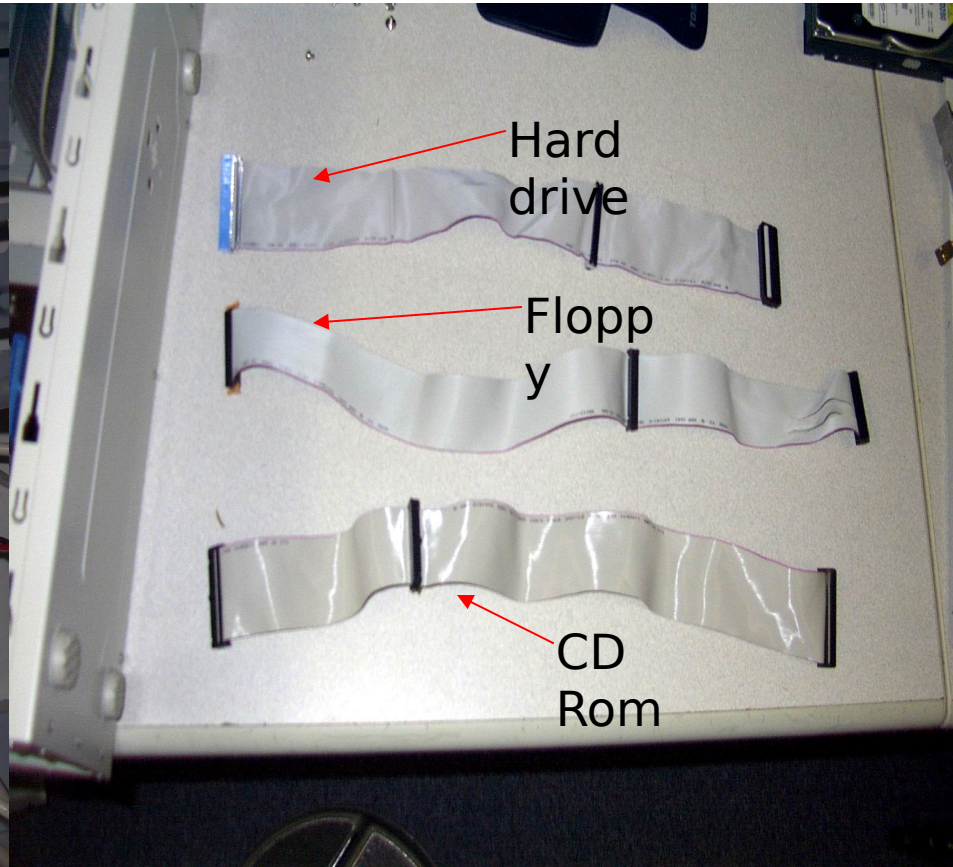
Motherboard

Thermal Compound
Premium Silver
Polysynthetic
Thermal Compound

Step one

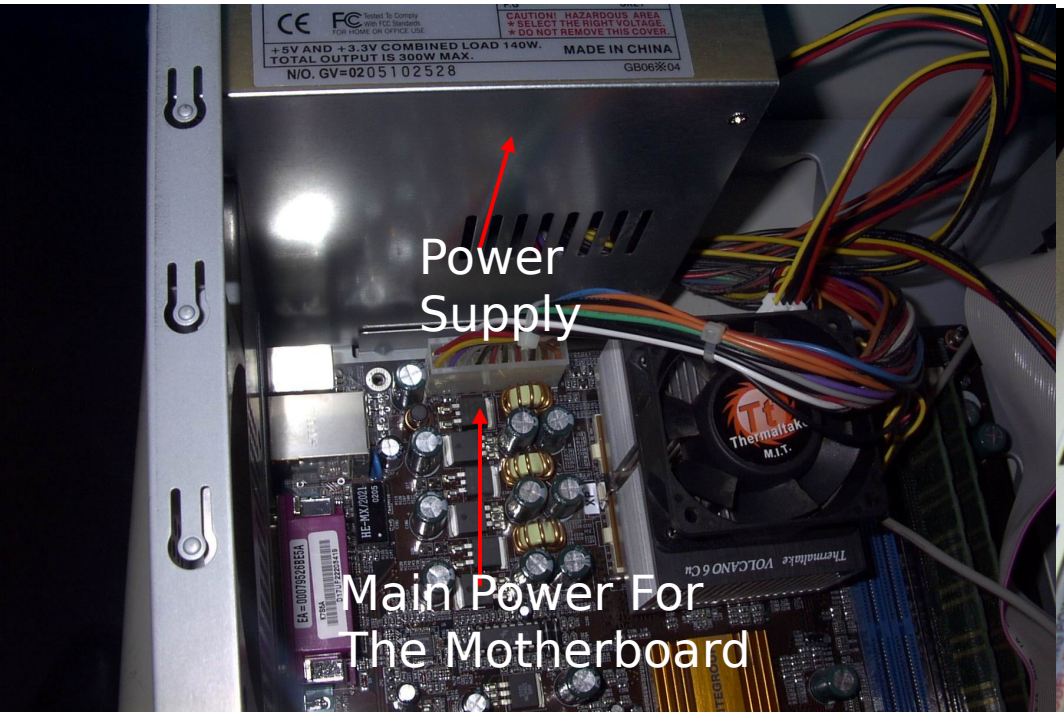
The motherboard is a patch panel for the whole system and your IDE cable are the computer's way of communicating with the rest of the components.

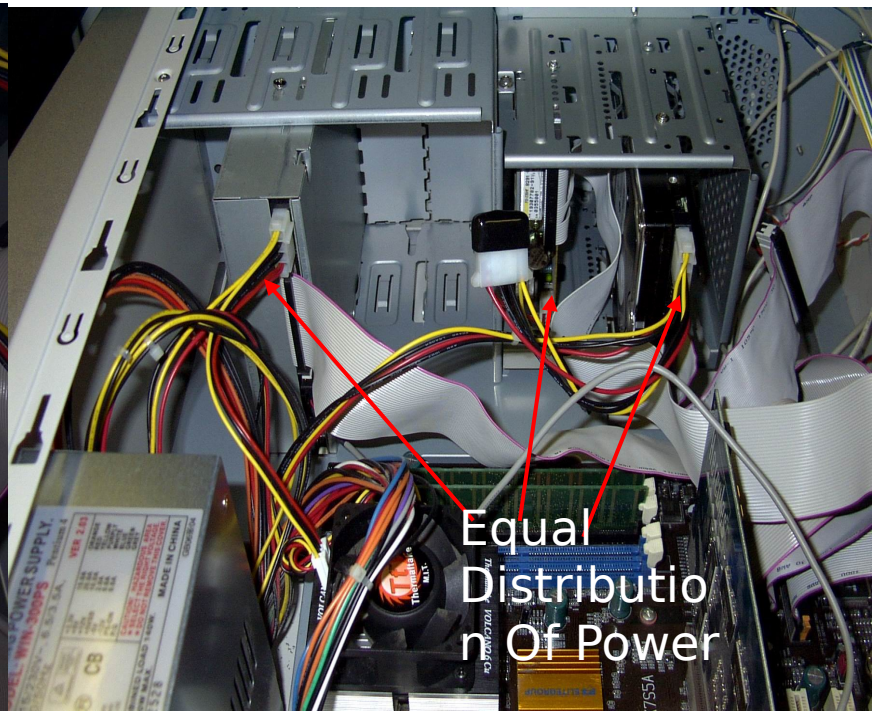




Step 2

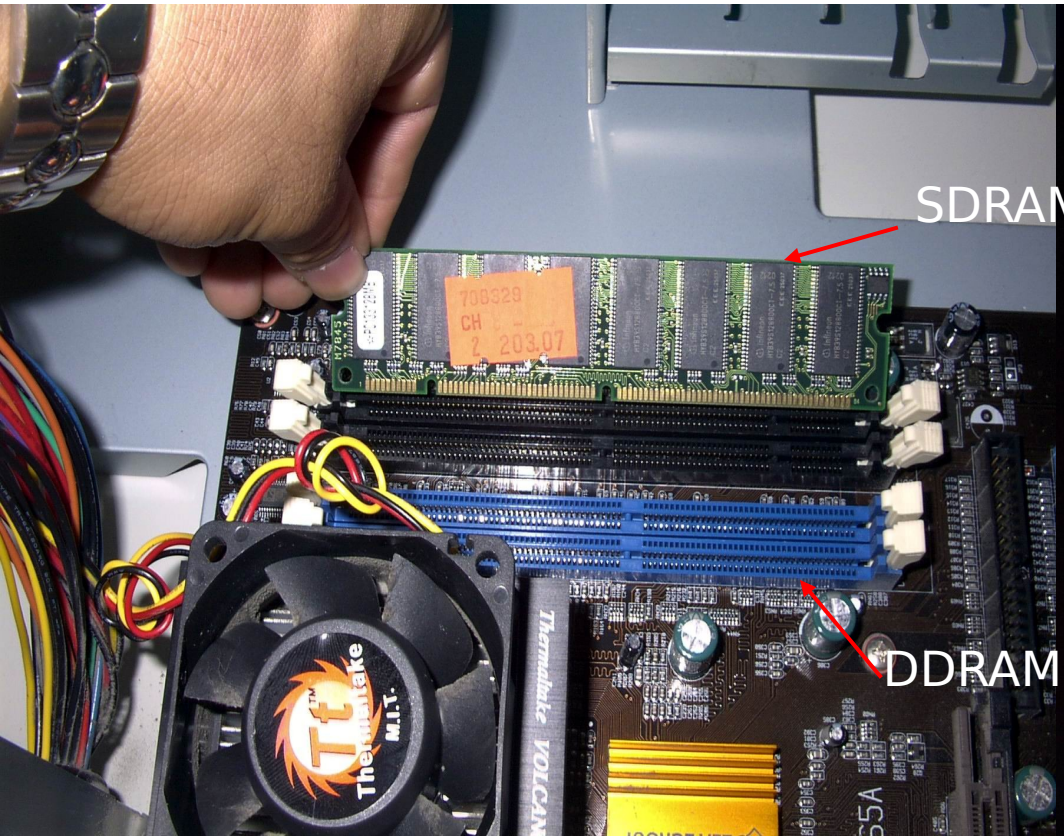
- This motherboard requires power.
- The power supply equally distributes to all the components on the motherboard.

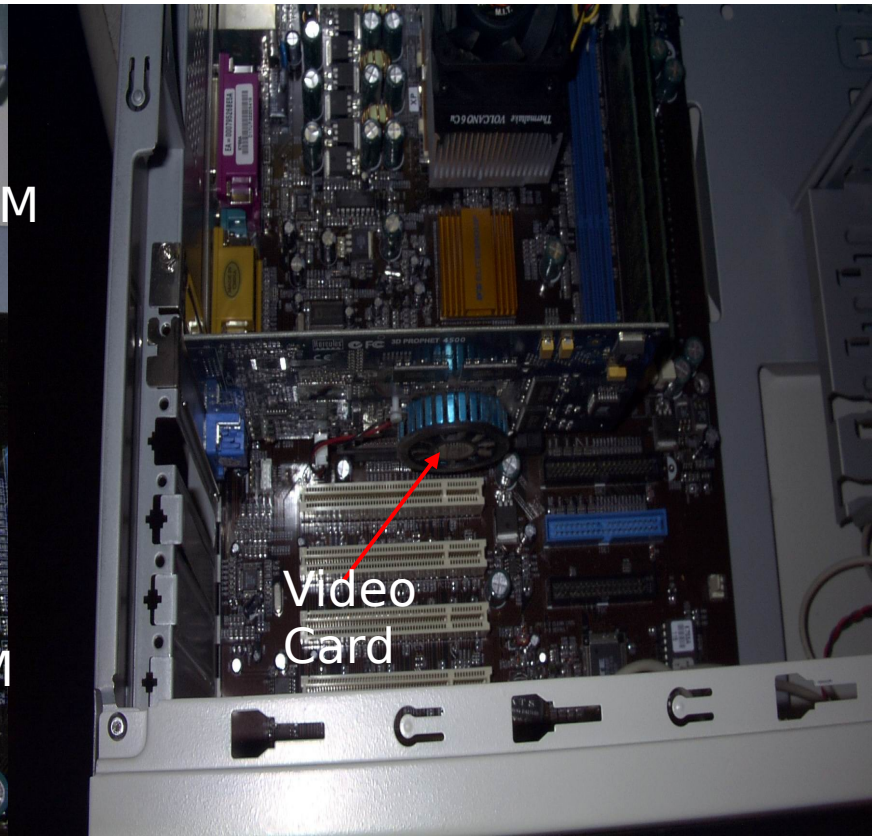




Step 3

- For your computer to Run any desk top applications it will need Ram.
- To display anything on your computer monitor you will need a video card too.





Step 4

- The last 2 things that are important to the computer working properly are the Hard Drive and CPU.
- Your Mouse and Keyboard are input devices that are plugged into your motherboard.
- The CPU interprets what you type and point to on your screen to access the proper information that you are requesting.

STEP 4 Cont.

- The Hard Drive stores your application and OS (*Operating System*) files along with personal files that you have saved.
- Without the Hard Drive you could not run any application.
- Every application that you run even your internet requires Ram.
- **With inadequate amounts of Ram you computer would Freeze up or just restart.**

These 2 Devices are Delicate and Must be Handled with Care

- The Hard Drive stores information on a magnetic disk.
- Magnetic writing or storing can be corrupted or changed by static electricity.
- ***NOTE*** ***Static electricity*** has the potential to damage any computer component.

So make sure before working on any computer that you are grounded or that you touch a known ground before working.